



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **04-2-527 A**

(43) Date of publication of application: **12.08.92**

(51) Int. Cl. **A01H 1/00**  
**C12N 1/21**  
**C12N 15/29**  
**C12N 15/67**  
**/(C12N 1/21 , C12R 1:025 )**

(21) Application number: **02411681**

(22) Date of filing: **19.12.90**

(71) Applicant: **JAPAN TOBACCO INC**

(72) Inventor: **KOMARI TOSHIHIKO**  
**SAITO YASUTO**  
**KAMISHIRO TAKASHI**

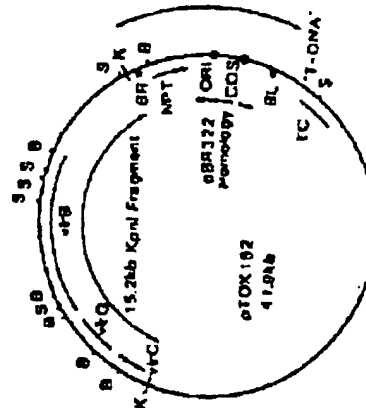
(54) **TRANSFORMATION OF TOMATO**

(57) Abstract:

**PURPOSE:** To provide a transformation process for tomato having high transformation efficiency and little risk of teratogeny.

**CONSTITUTION:** A plasmid containing a DNA originated from a virulence region of a tumor-inducing plasmid pTiBo542 of *Agrobacterium tumefaciens* is introduced into the bacterial cell and a tomato is transformed with the transformed *Agrobacterium tumefaciens* containing introduced plasmid.

**COPYRIGHT:** (C)1992,JPO&Japio



**BEST AVAILABLE COPY**